Work Orde November-09-12				*928	n6*							Page 1
Revision ID: Item Name:	D4034-041 Aft Upper Rib 11/09/12 11/30/12	Assembly Start Qty: 1.00 Req'd Qty: 1.00	*1* *1*	Accept	*N9000 Cust Item II Customer:		100°	k	Setup Sta		*N:	S1* S2*
Reference:	,,,,							1	Run St	art	-L	_ 4 4
Approvals:	Process Pla	in: <u>MLJ</u>	Date: 12-11- 0	<u>^</u> Tooling:	Da	te:		,			*N	R1*
	QC:		Date:	_ SPC (Y/N):	Da	te:			Si	ор	*N	R2*
Sequence ID/ Work Center II)	Operation Description		Set Up/ Run Hours	Tool ID	Tool#		Accept Qty	Reject Qty		keject Iumber	Insp. Stamp
Draw Nbr	Rev	vision Nbr										
D4034	В											
100		Weld per dwg A/R S.S.	rod Batch: MD2357	0.00						٠		~
100 Large Fab			ribs to hoop and weld as				_	3	13.00·	.9c	• • • • • • • • • • • • • • • • • • • •	Δ
110 *110* QC Quality Control		2- Weld bus QC9- Inspect visual per	hing in rib and grind weld	0.00 (pc)	\3·3·3·9@		(3		_		
120 *120* QC		QC5- Inspect part comp	eteness to step on W/O	0.00	13.2.20			3)				

Quality Control

										DQA:	Date	2:
NCR:	Yes / No				WORK ORDER NON-C	100	VFOR	MANCE / UP	DATE			
										QA Closed:	Date	9:
Work Orde	er:				DISPOSITION				AGAINST DE	PARTMENT	/PROCESS	
Part No. NCR No.				Rework Scrap Use-as-is Work Order Update	Skid-tube Crosstube Machining Small Fab Thermoforming Finishing Large Fab Composite			4	Water Jet d. Eng. Coor. re/Packaging Supplier	Engineering Quality Other		
Root				Descri	ption of work order update	ı	Initial	Ac	tion	Sign &		
Cause	Date	Step	Qty	(or Non-conformance	Ch	ief Eng	Desc	ription	Date	Verification	QC Inspector
Doc/Data												
Equip/Tooling			ļ									
Operator												1
Material												
Setup												
Other												
Process												
Supplier												
Training												
Unapproved]						
					F/	AUL	T CATE	GORY				
Landi	ng Gear				General		_				_	
	Bending				Bend		Grain			Ovalized		Pressure/Forced
	Centre N	ot Concer	ntric to	o/s	BOM/Route		Hardwa	re		Over/Under	tolerance	Temperature/Cure
	Cracks				Broken/Damaged		Inspecti	on Incomplete		Part Incorre	ct	Weld
	Crushed/	Crimped.			Burrs		Instruct	ions Incomplete/	Unclear	Part Lost/Mi	issing	Wrong Stock Pulled
	Cuffs				Contamination		Mainte	nance		Part Moved	_	
	Heat Trea	at			Countersink		Mislabe	led		Positioned V	Vrong	

Out of Calibration

Out of Sequence

Outside Dimensions

Misread

Offset

Positioned Wrong

Power Loss/Surge

Other

Turning Sequence

Wave/Twist in Tube

Ripples in Bend

Inspection Strip in Tube

Torque Waves in Extrusion

Cut Too Short

Drill Holes

Drawing

Finish

Folio

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140

QC21- Final Inspection - Work Order Release

Memo

0.00

0.00

140

Packaging

Packaging

QC

Memo

0.00

Quality Control

1/2/20 0

Page 2

Insp.

											DQA:	Date:	
NCR:	Yes	/ No				WORK ORDER NON-O	100	NFOR	MANCE / UPD	ATE	•		
			·								QA Closed:	Date:	
Work Ord	er.					DISPOSITION				AGAINST DE	PARTMENT	PROCESS	
Part No. NCR No.						Rework Scrap Use-as-is Work Order Update		Skid-tube Crosstube Machining Small Fab Thermoforming Finishing Large Fab Composite			1	Water Jet d. Eng. Coor. re/Packaging Supplier	Engineering Quality Other
Root					Descri	ption of work order update	П	Initial	Actio	on	Sign &		
Cause		Date	Step	Qty		or Non-conformance	Ch	nief Eng	Descrip	otion	Date	Verification	QC Inspector
Doc/Data					:								
Equip/Tooling													
Operator							i		·				
Material												i	
Setup													
Other	Ш												
Process													
Supplier									i				1
Training	Ш												
Unapproved													
· ·						F	AUL	T CATE	GCIRY				
Landi	ng G	ear			,	General		-			-		-
	Ш	Bending				Bend		Grain			Ovalized	L	Pressure/Forced
	Ш	Centre No	ot Concer	ntric to	o/s	BOM/Route	L	Hardwa	re		Over/Under	tolerance	Temperature/Cure
	Ш	Cracks				Broken/Damaged		Inspect	or: Incomplete		Part Incorred	ct	Weld
	\bigsqcup	Crushed/	Crimped.			Burrs		Instruct	ions Incomplete/Un	nclear	Part Lost/Mi	ssing	Wrong Stock Pulled
		Cuffs			, [Contamination] Mainte	enance		Part Moved		_
	Heat Treat					Countersink						Vrong	

Misread

Out of Calibration

Out of Sequence

Outside Dimensions

Offset

Power Loss/Surge

Other

Turning Sequence

Wave/Twist in Tube

Ripples in Bend

Inspection Strip in Tube

Torque Waves in Extrusion

Cut Too Short

Drill Holes

Drawing

Finish

Folio

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Picklist Print

November-09-12 1:30:45 PM

Work Order ID:

92806

Parent Item:

D4034-041

Parent Item Name:

Aft Upper Rib Assembly

Start Date: 11/09/12

Required Date: 11/30/12

Start Qty: 1.00

Required Qty: 1.00

Comments:

IPP RevA: new issue DD 09.11.23 verified by:EC IPP Rev:B as per dwg revA 10.03.15

	verified by:EC	IPP Rev:C	11.01.19	AS PER DW	G REV.B DI	VERF:EC							~
Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
D4034-1 Rib		Manufactured	No			100	Each	4.0000	1	1	B	os:90	<u> </u>
T. C.				<u>Location</u> WA		Loc Qty 4	Le	oc Code	893	<u>59 -</u> > ·	3		
				837 861		1 3							
D4034-3 Rib		Manufactured	No			100	Each	6.0000	1	1		<u>-69-</u> 9	09 C
Kib				Location		Loc Qty		oc Code	Car_	19 -> 1	2		
				WA 584 845		6	•		=======================================				
				893		5							
D4021-7 . Hoop		Manufactured	No			100	Each	34.0000	1	1	1	3 <i>-0</i> 3	09 CC
				Location		Loc Qty	<u>L</u>	oc Code					
				WA		34							
					996 487	0) 						
					428	20)						
					265	13	3		_3	<u></u>			

							DQA:	Date:	
NCR: Yes	s / No			WORK ORDER NON-	CONFOR	MANCE / UPDATE	QA Closed:	Date:	
Work Order:		·		DISPOSITION	•	AGAINST [EPARTMENT	/PROCESS	
Part No.				Rework Scrap Use-as-is Work Order Update	⊣ 1	Skid-tube Crosstube Machining Small Fab noforming Finishing Large Fab Composite		Water Jet d. Eng. Coor. re/Packaging Supplier	Engineering Quality Other
Root				Description of work order update	Initial	Action	Sign &		
Cause	Date	Step	Qty	or Non-conformance	Chief Eng	Description	Date	Verification	QC Inspector
Doc/Data									
quip/Tooling					j]		·
Operator			; ;						
Material									

FAULT CATEGORY Landing Gear General Bend Bending Grain Pressure/Forced Ovalized BOM/Route Centre Not Concentric to O/S Hardware ' Over/Under tolerance Temperature/Cure Broken/Damaged Cracks Inspection Incomplete Weld Part Incorrect Crushed/Crimped. Wrong Stock Pulled Burrs Instructions Incomplete/Unclear Part Lost/Missing Cuffs Contamination Maintenance Part Moved Mislabeled Heat Treat Countersink Positioned Wrong Inspection Strip in Tube Cut Too Short Misread Power Loss/Surge Other Drill Holes Ripples in Bend Offset Torque Waves in Extrusion Drawing Out of Calibration Turning Sequence Finish Out of Sequence Wave/Twist in Tube Folio Outside Dimensions

Setup
Other
Process
Supplier
Training
Unapproved

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November-09-12 1:30:45 PM

Work Order ID:

92806

Parent Item:

D4034-041

Parent Item Name:

Aft Upper Rib Assembly

Start Date: 11/09/12

Required Date: 11/30/12

Start Qty: 1.00

Required Qty: 1.00

D4021-9 Manufactured No 100 Each 103.0000 4 4 4 Bushing

Location	Loc Qty	Loc Code	
WA	93		92614 -> 12
66437	0		
72482	0		
82977	1,		
84717	3		
88077	23		
88377	7		
92020	59		
WA005	10		
66437	2		
70333	4		
72482	4		<u> </u>

Work Order: Part No.	
Work Order: Part No. Part No. NCR No. Rework Skid-tube Machining Small Fab Prod. Eng. Co. Thermoforming Large Fab Composite Sign & Cause Date Step Qty Or Non-conformance Cause Doc/Data Equip/Tooling Rework Skid-tube Crosstube Machining Small Fab Prod. Eng. Co. Rec/Store/Packagi Suppl Chief Eng Description Date Verifica	Date:
Part No. NCR No. Scrap Use-as-is Use-as-is	s
Cause Date Step Qty or Non-conformance Chief Eng Description Date Verification Doc/Data Equip/Tooling Chief Eng Description Date Verification	oor. Quality Other
Doc/Data Equip/Tooling Doc/Data	
Equip/Tooling	ation QC Inspector
Material Setup Other Process Supplier Training Unapproved FAULT CATEGORY	
Landing Gear General	
Bending Bend Grain Ovalized Centre Not Concentric to O/S BOM/Route Hardware Over/Under tolerance Cracks Broken/Damaged Inspectior. Incomplete Part Incorrect Crushed/Crimped. Burrs Instructions Incomplete/Unclear Part Lost/Missing Cuffs Contamination Maintenance Part Moved Heat Treat Countersink Mislabeled Positioned Wrong Inspection Strip in Tube Cut Too Short Misread Power Loss/Surge Ripples in Bend Drill Holes Offset Torque Waves in Extrusion Drawing Out of Ca:ibration	Pressure/Forced Temperature/Cure Weld Wrong Stock Pulled Other

Out of Sequence

Outside Dimensions

DQA: Date:

Turning Sequence

Wave/Twist in Tube

Finish

Folio

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